layer, reference numeral "**103**" refers to a first passivation layer, and reference numeral "**104**" refers to a second passivation layer.

[0134] Referring to FIG. **8**, in the touch sensitive apparatus according to a second embodiment of the present invention, the plurality of touch electrodes **110** and the plurality of touch signal lines **120** may be disposed to overlap each other with an insulation layer therebetween. Each of the plurality of touch electrodes **110** may be connected to one or more touch signal lines **120** through a plurality of first contacts CNT**1**.

[0135] Moreover, the first and second connecting lines **126***a* and **126***b* may be disposed to overlap each of the plurality of touch electrodes **110**, and each of the plurality of touch electrodes **110** may be connected to a plurality of connecting lines through a second contact CNT**2**. Therefore, an internal load deviation of each of the touch electrodes **110** is reduced, and a load deviation between the plurality of touch electrodes **110** is reduced.

[0136] The connecting lines **126***a* and **126***b* and the touch signal lines **124***a* to **124***d* may each be formed of metal having resistivity which is lower than that of each of the touch electrodes **116***a* and **116***b*. Therefore, a load of each of the plurality of touch electrodes **110** is reduced, and thus, image quality is enhanced.

[0137] For example, the touch electrodes **116***a* and **116***b* may each be formed of a transparent conductive material such as indium tin oxide (ITO) and/or the like. The connecting lines **126***a* and **126***b* and the touch signal lines **124***a* to **124***d* may each be formed of metal having resistivity which is lower than that of ITO, for example, aluminum (Al) or may be formed of a triple layer including molybdenum (Mo), Al, and Mo.

[0138] Materials forming the connecting lines **126***a* and **126***b* and the touch signal lines **124***a* to **124***d* may be applied to the touch signal lines **122***a* to **122***d* applied to the first embodiment of the present invention. Therefore, the touch signal lines **122***a* to **122***d* applied to the first embodiment of the present invention may have metal having resistivity which is lower than that of material forming the touch electrodes **112***a* to **112***c*.

[0139] Moreover, the touch electrodes **112***a* and **112***b* applied to the first embodiment of the present invention may include a transparent conductive material such as indium tin oxide (ITO) and metal having resistivity which is lower than that of indium tin oxide (ITO). In this case, the indium tin oxide (ITO) is provided in a mesh form as shown in FIGS. **5** and **6** and the metal having resistivity which is lower than the indium tin oxide (ITO) may be formed along to the gate lines covered by the indium tin oxide (ITO) or the data lines covered by the indium tin oxide (ITO).

[0140] In the first embodiment of the present invention, each of the touch electrodes **112***a* to **112***c* is provided in a mesh form. Similarly, in the touch sensitive according to the second embodiment of the present invention, each of the touch electrodes **116***a* and **116***b* may be provided in a mesh form.

[0141] To provide a detailed description, in FIGS. **7** and **8**, the first touch electrode **116***a* may include a slit **134**. For example, a plurality of slits **134** may be provided by patterning the first touch electrode **116***a* having a plate shape, and the first touch electrode **116***a* may have a mesh form due to the plurality of slits **134**.

[0142] Moreover, as shown in FIGS. **7** and **8**, when the first touch electrode **116***a* includes a plurality of ITO lines, each of the plurality of ITO lines may include a plurality of slits **134**.

[0143] In this case, each of the touch signal lines **124***a* to **124***d* may be disposed to overlap the plurality of slits **134** and thin film transistors T. Also, each of the connecting lines **126***a* and **126***b* may be disposed to overlap the plurality of slits **134** and thin film transistors T.

[0144] Additionally, the connecting lines **126***a* and **126***b* and the touch signal lines **124***a* to **124***d* are formed on a different metal layer than the touch electrodes **116***a* and **116***b*.

[0145] Although not shown in FIG. **8**, the display panel also includes data lines oriented in the same direction as the touch signal lines **120** and connecting lines **126**, and also overlapping with the touch signal lines **120** and connecting lines **126**. Referring to FIG. **9**, data lines DL are located on the gate insulation layer **102** in a lower metal layer. A first passivation layer **103** is located over the data lines DL.

[0146] Touch signaling lines **124** and connecting lines **126** are located in an intermediate metal layer formed on the passivation layer **103**. Touch signaling line **124***a* is located over and overlaps with one of the data lines DL**1**. The connecting line **126***b* is located over and overlaps with another data line DL**2**. Touch signaling line **124***b* is located over and overlaps with a further data line DL**3**.

[0147] An insulation layer **105** is located over the connecting lines **126** and touch signaling lines **124**. The ITO lines of the touch electrode **116***b* are located over the insulation layer **105**. The ITO lines are located on a different metal layer than the connecting lines **126** and touch signaling lines **124**. Connecting line **126***b* is connected to the ITO line via a contact CNT**2**. Touch signaling line **124***b* is connected to the ITO line via a contact CNT**1**. Contacts CNT**1** and CNT**2** are located in respective contact holes CH in the insulation layer **105**.

[0148] As described above, according to the embodiments of the present invention, the touch sensitive apparatus reduces a load of a touch electrode, thereby enhancing image quality.

[0149] Moreover, according to the embodiments of the present invention, the touch sensitive apparatus reduces a load deviation of a touch electrode, thereby enhancing image quality.

[0150] It will be apparent to those skilled in the art that various modifications and variations can be made in the present invention without departing from the spirit or scope of the inventions. Thus, it is intended that the present invention covers the modifications and variations of this invention provided they come within the scope of the appended claims and their equivalents.

What is claimed is:

1. A touch sensitive display apparatus comprising:

a touch sensitive display panel comprising:

a plurality of touch electrodes comprising at least a first touch electrode;

a first conductive line connected to the first touch electrode at a first plurality of locations, the first touch electrode driven with a common voltage for image display via the first conductive line and driven with a touch driving signal for touch sensing via the first conductive line; and